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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 **of** 1

Complete if Known	
Application Number	09/886,479
Filing Date	June 20, 2001
First Named Inventor	Kenneth Hines
Art Unit	2126
Examiner Name	Lewis A. Bullock, Jr.
Attorney Docket Number	42390P18907

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number — Number - Kind Code[2] *(if known)*	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LAB	1	US-5095421	03-10-1992	FREUND	
LAB	2	US-5596750	01-21-1997	LI et al	
LAB	3	US-5941945	08-24-1999	ADITHAM et al	
LAB	4	US-6192419	02-20-2001	ADITHAM et al	
LAB	5	US-6317773	11-13-2001	COBB et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document — Country Code[3] - Number[4] - Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature L A Bullock Jr Date Considered 4/14/05

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lbs	1	US-4965743	10-23-1990	MALIN et al	
lbs	2	US-5694539	12-02-1997	HALEY et al	
lbs	3	US-5790778	08-04-1998	BUSH et al	
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lbs	6	US-6314555	11-06-2001	NDUMU et al	
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Examiner Signature	L G Bullock Jr	Date Considered	4/14/05

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Sheet	2	of	2

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Examiner Name	Lewis A. Bullock, Jr.
Attorney Docket Number	42390P18907

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
LAB	10	BALL - DATA ACCESS AND TRANSPORTATION SERVICES FOR THE CORBA ENVIRONMENT	
LAB	11	BRUNNER - An object oriented approach to astronomical databases	
LAB	12	HARTER et al 1985 - IDD an interactive distributed debugger	
LAB	13	KUNZ et al - Poet Target system independent visualizations to complex distributed executions	
LAB	14	NETZER et al 1993 - Adaptive message logging for incremental program replay	
LAB	15	NEWMAN - Managing CORBA method servers: Part I of systems management of the distributed object environment	

Examiner Signature	L A Bullock Jr	Date Considered	4/15/05

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Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Reference No.	Application Serial No.	Patent No.	Title
1	09/885,456		SYSTEM AND METHOD FOR DEBUGGING DISTRIBUTED SOFTWARE ENVIRONMENTS
2	EP 01950355.6		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESING OF SOFTWARE SYSTEMS
3	EP 01948620.8		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
4	EP 01948638.0		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION CENTRIC SOFTWARE SYSTEMS
5	09/886,479		COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT
6	PCT US01/20071		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESING OF SOFTWARE SYSTEMS
7	PCT US01/19735		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
8	WO 02/073402A1		COORDINATION SYNTHESIS FOR SOFTWARE SYSTEMS
9	PCT US01/22031		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION-CENTRIC SOFTWARE SYSTEMS
10	PCT US01/19735		EVOLUTION DIAGRAMS FOR DEBUGGING DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS

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3	EP 01948620.8		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
4	EP 01948638.0		DATA STRUCTURE AND METHOD FOR DETECTING ~~CONSTRAINT CONFLICTS IN~~ COORDINATION CENTRIC SOFTWARE SYSTEMS
5	09/886,479		COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT
6	~~PCT~~ US01/20071		~~SYSTEM AND METHOD FOR~~ COORDINATION CENTRIC DESING OF SOFTWARE SYSTEMS
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9	PCT ~~US01/22031~~		DATA STRUCTURE AND METHOD FOR DETECTING ~~CONSTRAINT CONFLICTS IN COORDINATION-~~ CENTRIC SOFTWARE SYSTEMS
10	PCT ~~US01/19735~~		EVOLUTION DIAGRAMS FOR DEBUGGING ~~DISTRIBUTED~~ EMBEDDED SOFTWARE APPLICATIONS
11	09/881391		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESIGN OF SOFTWARE SYSTEMS
12	09/888,061		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
13	09/885,448		BEHAVIORAL ABSTRACTIONS FOR DEBUGGING COORDINATION-CENTRIC SOFTWARE DESIGNS
14	09/886,459		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION-CONTRIC SOFTWARE SYSTEMS
15	09/888,082		DYNAMIC CONTROL GRAPHS FOR ANALYSIS OF COORDINATION-CENTRIC SOFTWARE DESIGNS
16	10/040,971		COORDINATION SYNTHESIS FOR SOFTWARE SYSTEMS

4/15/05

09/886,479

~~09/866,479~~

Reference No.	Application Serial No.	Patent No.	Title
1	~~09/866,479~~ 09/886,479		COORDINATION-CENTRIC FRAMEWORK FOR SOFTWARE DESIGN IN A DISTRIBUTED ENVIRONMENT
2	09/881391		SYSTEM AND METHOD FOR COORDINATION CENTRIC DESIGN OF SOFTWARE SYSTEMS
3	09/888,061		EVOLUTION DIAGRAMS FOR DEBUGGED DISTRIBUTED EMBEDDED SOFTWARE APPLICATIONS
4	09/885,448		BEHAVIORAL ABSTRACTIONS FOR DEBUGGING COORDINATION-CENTRIC SOFTWARE DESIGNS
5	09/886,459		DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT CONFLICTS IN COORDINATION-CONTRIC SOFTWARE SYSTEMS
6	09/888,082		DYNAMIC CONTROL GRAPHS FOR ANALYSIS OF COORDINATION-CENTRIC SOFTWARE DESIGNS
7	10/040,971		COORDINATION SYNTHESIS FOR SOFTWARE SYSTEMS

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Sheet 1 of 2

Complete if Known	
Application Number	09/886,479
Filing Date	June 20, 2001
First Named Inventor	HINES, Kenneth
Group Art Unit	2122
Examiner Name	Unknown
Attorney Docket No: 42P18907	

US PATENT DOCUMENTS

Examiner Initial*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
JHS	US-5,581,691	12/03/1996	Hsu, , et al.	395	182.13	08/18/1995
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JHS	US-6,347,374	02/12/2002	Drake, , et al.	709	224	06/05/1998
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T[2]

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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EXAMINER J Gregory Trudel Jr DATE CONSIDERED 4/15/05

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Sheet 2 of 2

Complete if Known	
Application Number	09/886,479
Filing Date	June 20, 2001
First Named Inventor	HINES, Kenneth
Group Art Unit	2122
Examiner Name	Unknown
Attorney Docket No: 42P18907	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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EXAMINER J. A. Bullock **DATE CONSIDERED** 4/15/05

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INFORMATION DISCLOSURE CITATION
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OIPE OCT 11 2001 PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO. 10488/15:1	APPLICATION NO. 09/886,479
APPLICANT Kenneth J. Hines	
FILING DATE June 20, 2001	GROUP 2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JAS	AA	6 0 5 2 5 2 7	4/18/00	Delcourt et al.	395	705	
JAS	AB	5 9 2 0 7 1 7	7/06/99	Noda	395	701	
JAS	AC	5 8 7 0 5 8 8	2/09/99	Rompaey et al.	395	500	
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EXAMINER [signature] DATE CONSIDERED 8/5/04

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PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION
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ATTY. DOCKET NO.	APPLICATION NO.
10488/15:1	09/886,479
APPLICANT: Kenneth J. Hines	RECEIVED JAN 0 4 2002
FILING DATE: June 20, 2001	GROUP: Technology Center 2100

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						

FOREIGN PATENT DOCUMENTS

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	BH							
	BI							
	BJ							
	BK							
	BL							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

JAB	BM	Agha, Gul, "Concurrent Object-Oriented Programming," *Communications of the ACM*, Vol. 33, No. 9 (September 1990), pp. 125-141.
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EXAMINER: A. Bullock Jr. DATE CONSIDERED: 8/5/04

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	INFORMATION DISCLOSURE CITATION (Uses several sheets if necessary)	APPLICANT: Kenneth J. Hines	
		FILING DATE: June 20, 2001	GROUP: 2122

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U.S. PATENT DOCUMENTS

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	AJ						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL					9		
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

JAB	AR	Ken Hines and Gaetano Borriello, "A Geographically Distributed Framework for Embedded System Design and Validation," *Design Automation Conference, 1998, Proceedings San Francisco, CA, 1998, New York, NY, IEEE*, June 15, 1998, pgs. 140-145.
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EXAMINER	DATE CONSIDERED
L A Bullock Jr	8/5/04

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FORM PTO-1449 (REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.	APPLICATION NO.
10488/15:1	09/886,479
APPLICANT: Kenneth J. Hines	
FILING DATE: June 20, 2001	GROUP: 2122

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INFORMATION DISCLOSURE CITATION
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EXAMINER L. A. Bellah Jr. DATE CONSIDERED 8-5-04

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EXAMINER J. A. Bullock Jr. DATE CONSIDERED 8-5-04

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EXAMINER [signature] DATE CONSIDERED 8-3-04

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